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PHOTOGRAPHIC INTELLIGENCE MEMORANDUM

SHANGHAI NAVAL DOCKYARD, SHANGHAI, CHINA

S-13620

DECLASS REVIEW by NIMA/DOD



ORR-101

16 July 1954

CENTRAL INTELLIGENCE AGENCY

OFFICE OF RESEARCH AND REPORTS

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PHOTOGRAPHIC INTELLIGENCE MEMORANDUM
KIANGNAN NAVAL DOCKYARD, SHANGHAI, CHINA

The Kiangnan Naval Dockyard occupies approximately eighty acres on the west bank of the Huang-P'u River in the southeast section of Shanghai (31°11'44"N-121°29'00"E). The dockyard provides facilities for the construction and repair of merchant and naval vessels. A training school, an arsenal, and a supply depot are also included within the dockyard area.

A study of aerial photography reveals an expansion of building facilities in the dockyard area since [REDACTED] (Figure 1, Plan of the Kiangnan Naval dockyard). Damaged buildings have been reconstructed. Additional buildings have been constructed especially in the area to the east and north of the drydocks.

25X1D

Harbor: An anchorage area exists off the Kiangnan Naval Dockyard. There are at least eight mooring buoys in midstream.

Landing Facilities: There has been no apparent change in the Naval dockyard wharf and docking facilities since [REDACTED]. Approximately 1550 feet of floating wharf and dock facilities are available.

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25X1D Drydocks: Three drydocks are available for ship construction and repair work. Drydock No. 1 is 520' X [REDACTED], drydock No. 2 is [REDACTED] and drydock No. 3 is 630' X [REDACTED] 25X1D

Slipways: An area 780 feet by 325 feet is used for slipways. There are a minimum of twelve ship-building ways ranging from 200 feet to 600 feet in length. Twenty-seven stiff-legged derricks serve the ship-building ways.

Buildings: Buildings in the Naval Dockyard and in the areas immediately adjacent to the east and west are shown on the attached overlay. The identity of the buildings is based on CIA Document.

25X1A

[REDACTED] NIS 39 - Supplement 1 and the analysis of vertical aerial photography. The purpose and size of the buildings are as follows:

<u>Building No.</u>	<u>Purpose</u>	<u>Size(in feet)</u>
1	Shop or storage building	80 X 60
2	Shop or storage building	50 X 50
3	Shop or storage building	70 X 35
4	Shop or storage building	70 X 35
5	Barracks type building	[REDACTED]

25X1D

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<u>Building No.</u>	<u>Purpose</u>	<u>Size(in feet)</u>	
6	Shop or storage building	50 X 35	
7	Barracks type building	85 X 25	
8	Probable shop building	65 X 60	
9	Probable shop building	120 X 100	
10	Probable shop building	[REDACTED]	25X1D
11	Probable shop building	125 X 100	
12	Probable service building	50 X 50	
13	Warehouse building	35 X 35	
14	Warehouse building	90 X 50	
15	Warehouse building	100 X 50	
16	Warehouse building	55 X 20	
17	Warehouse building	115 X 50	
18	Storage sheds	-70 X 25, 60 X 25	
19	Warehouse building	[REDACTED]	25X1D
20	Storage shed	80 X 50	
21	Warehouse buildings	160 X 150, 105 [REDACTED]	25X1
22	Warehouse building	90 X 60	
23	Warehouse building	90 X 60	

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<u>Building No.</u>	<u>Purpose</u>	<u>Size(in feet)</u>	
24	Barracks and Training building	125 X 100	
25	Administrative type building	135 X 45	
26	Service buildings	42 X 25, 30 X ■	25X1D
27	Probable warehouse building	60 X 40	
28	Tool Shed	125 X 30	
29	Tool Shed	80 X ■	25X1D
30	Probable shop building	25 X ■	25X1D
31	Oxygen manufacturing plant	40 X 25	
32	Plate shop	286 X 130, 185 X 30 150 X 50, 110 X 55 ■	
33	Naval Academy building	120 X 65, 85 X 30	25X1D
34	Naval Academy building	65 X ■ 65 X ■	
35	Shed	370 X 15	25X1D
36	Student Officers Quarters	140 X 90	
37	Shed	175 X 15	
38	Naval Academy building	135 X 30	
39	Storage type building	75 X ■	25X1D
40	Storage type building	60 X 35	

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<u>Building No.</u>	<u>Purpose</u>	<u>Size (in feet)</u>
41	Warehouse and shop building	170 X 55
42	Warehouse and shop building	130 X 85
43	Probable warehouse building	105 X 25, 85 X 30,
44	Probable warehouse building	145 X 25, 50 X 25 X 25
45	Sentry box	30 X 10
46	Shop building	45 X 45
47	Shop building	45 X 45
48	Unidentified building	25 X 25
49	Probable motor vehicle servicing building	25 X 25 25X1D
50	Probable warehouse building	50 X 35
51	Probable warehouse building	100 X 25X1D
52	Motor car repair shop and warehouse	155 X 25, 100 X 25, 155 X 20
53	Probable warehouse buildings	45 X 40, 50 X 45
54	Compressor House	100 X 85
55	Steel Fabrication Shop	155 X 130, 100 X 100, 315 X 125, 70 X 40
56	Shop building	50 X 40

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<u>Building No.</u>	<u>Purpose</u>	<u>Size (in feet)</u>	
57	Pump house	■ X 50	25X1D
58	Unidentified building	35 X ■	25X1D
59	Unidentified building	60 X 20	
60	Shop type building	80 X 60	
61	Unidentified building	45 X 40	
62	Probable shop building	70 X 65	
63	Probable office building	40 X ■	25X1D
64	Unidentified building	100 X 25	
65	Mold loft and Ordnance building	215 X 40, 120 X 120, 60 X 20, 25 X 20, 30 X 20	
66	Warehouse building	240 X 40	
67	Warehouse building	120 X 45	
68	Warehouse building	120 X 45	
69	Warehouse building	135 X ■	25X1D
70	Naval Ordnance and Oxygen plant	85 X 60, 135 X 45	
71	Unidentified building	85 X 25, 45 X 20	
72	Shop type building	■ X 30	25X1D
73	Diesel Power Plant	125 X 45	

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<u>Building No.</u>	<u>Purpose</u>	<u>Size(in feet)</u>
74	Probable Warehouse buildings	160 X 65, 110 X 65, 110 X 45, 70 X ■
75	Probable Warehouse Building	160 X 20
76	Unidentified building	45 X 40
77	Unidentified building	40 X 40
78	Sentry building, No. gate	45 X 30
79	Storage shed	45 X 55
80	Office and storage building	50 X 35
81	Probable office and storage building	60 X 50
82	Pump house and shop buildings	45 X 45, ■ X 25, 90 X 40
83	Probable shop building	60 X 40
84	Reported Secondary Power Plant	145 X 35
85	Electric Shop building	105 X 70, 100 X 40
86	Warehouse building	115 X 40, 60 X 50
87	Warehouse building	80 X 25
88	Probable storage shed	40 X 20
89	Probable shop building	80 X 30
90	Sentry building, No. gate	45 X 25

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<u>Building No.</u>	<u>Purpose</u>	<u>Size (in feet)</u>	
91	Administration building	290 X 50, [REDACTED] X 50, [REDACTED] X 50	25X1D
92	Administration building	[REDACTED]	25X1D
93	Administration building	60 X 20	
94	Probable warehouse	440 X 85	
95	Barber shop and General service building	120 X 40, 80 X 40	
96	Unidentified building	75 X [REDACTED]	25X1D
97	Probable washroom	55 X 20	
98	Unidentified building	130 X 60	
99	Unidentified building	40 X 40	
100	Probable warehouse	45 X 15	
101	Warehouse	65 X [REDACTED]	25X1D
102	Unidentified building	45 X 20	
103	Unidentified building	55 X 35	
104	Probable warehouse	85 X 30	
105	Probable administration building	135 X 30	
106	Probable warehouse	65 X 50	
107	Transportation shed	280 X 30, 115 X 30	

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<u>Building No.</u>	<u>Purpose</u>	<u>Size(in feet)</u>	
108	Unidentified building	25 X 20	
109	Water tank	25 diameter	
110	Possible pattern shop	30 X 20	
111	East gate	138 X 50	
112	Shop and Storage building	125 X 50	
113	Metal and blacksmith shop	465 X 100	
114	Foundry and pattern shop	160 X 175, 40 X 20 100 X 40, 100 X 30	
115	Machine Shop and apprentice school	470 X 135, 185 X 25, 40 X 25	
116	Probable apprentice school building	75 X 15	
117	Unidentified building	45 X ■	25X1D
118	Unidentified building	■	25X1D
119	Shop building	80 X ■	25X1D
120	Unidentified building	70 X 25	
121	Probable shop building	145 X ■	25X1D
122	Probable shop building	■	25X1D
123	Warehouse or shop building	135 X 55	
124	Warehouse or shop building	145 X ■	25X1D

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<u>Building No.</u>	<u>Purpose</u>	<u>Size(in feet)</u>	
125	Dormitory	135 X 35	
126	Warehouse or shop building	255 X 70	
127	Warehouse or shop building	60 X 35, 60 X 35	
128	Diesel repair shop	145 X 80	25X1D
129	Warehouse or shop building	■ X 25, 35 X ■	
130	Warehouse or shop building	150 X 45	25X1D
131	Warehouse building	■ X 50	25X1D
132	Warehouse building	255 X 105	25X1D
133	Warehouse or shop building	110 X ■ 25 X 35	
134	Warehouse or shop building	107 X 85	
135	Warehouse building	110 X 50	
136	Warehouse type building	110 X 65	
137	Warehouse type building	110 X 65	25X1D
138	Warehouse building	■ X 40, ■ X 25	
139	Unidentified building	■ X 35	25X1D
140	Warehouse type building	100 X 95	
141	Warehouse type building	■ X 35	25X1D
142	Warehouse type building	105 X 40	

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<u>Building No.</u>	<u>Purpose</u>	<u>Size (in feet)</u>	
143	Shop building	110 X 55	
144	Salvage reclaim shop	105 X [REDACTED]	25X1D
145	Shop type building	130 X 105	
146	Dormitory and Mess Hall	195 X [REDACTED] 110 X 40	
147	Storage shed	460 X 20	
148	Barracks	195 X 80	
149	Barracks	195 X 80	
150	Unidentified building	40 X [REDACTED]	25X1D
151	Barracks	195 X 80	
152	Warehouse type building	115 X 50	
153	Shop type building	40 X 35	
154	Unidentified building	50 X 65	
155	Unidentified building	105 X 25	
156	Heavy anti-aircraft personnel barracks	60 X 25	
157	Heavy anti-aircraft personnel barracks	40 X 25	
158	Unidentified building	[REDACTED]	25X1D

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<u>Building No.</u>	<u>Purpose</u>	<u>Size(in feet)</u>	
159	Administration building	145 X [REDACTED] 65 X 30	25X1D
160	Unidentified building	95 X 45, 65 X 15, 35 X [REDACTED]	
161	Unidentified building	140 X 80	25X1D
162	Industrial type building	170 X 115	
163	Unidentified building	100 X 95	
164	Unidentified building	[REDACTED]	25X1D
165	Shop type building	100 X 40	
166	Probable shop building	40 X 25	
167	Barracks building	[REDACTED] X 25	25X1D
168	Barracks building	[REDACTED] X 25	25X1D
169	Barracks building	[REDACTED] X 25	25X1D
170	Industrial type building	165 X 100	
171	Unidentified building	[REDACTED]	25X1D
172	Industrial type building	180 X 25	
173	Shop type building	100 X [REDACTED]	25X1D
174	Industrial type building	150 X 55	
175	Probable shop building	65 X 20	

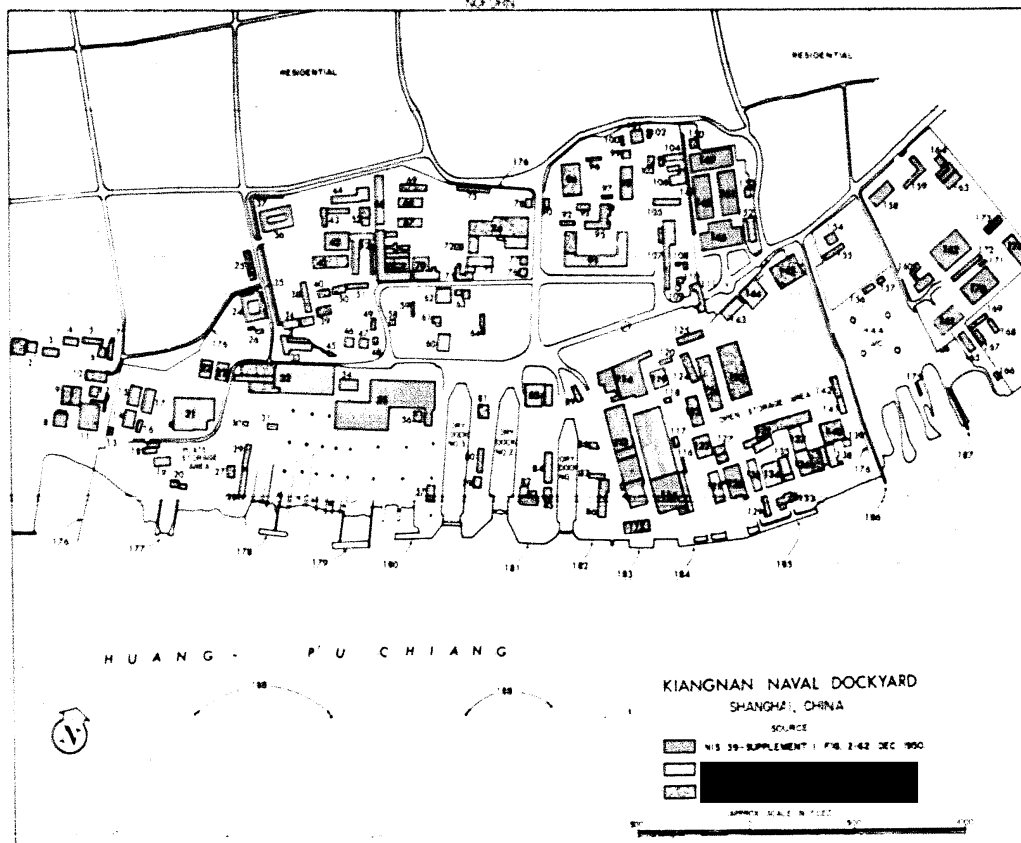
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<u>Item No.</u>	<u>Purpose</u>	<u>Size(in feet)</u>
176	Wall Surrounding dockyard	
177	Wharf	85
178	Floating pontoon wharf	140
179	Floating pontoon wharf	180
180	Wharf	165
181	Wharf	120
182	Wharf	150
183	Wharf	120
184	Repair dock	320
185	Repair dock	355
186	Pier with 55' floating wharf	
187	Pier	
188	Buoys	

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